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# Bibliography on COLD REGIONS SCIENCE AND TECHNOLOGY

**VOLUME 35, Part 2** 

Geza T. Thuronyi, Editor





# NOTE

This is a companion issue to Vol. 35, Pt. 1. The latter contains the full bibliographic citations referred to in the author and subject indexes included in this issue. In the author index principal and joint personal and corporate authors are listed along with the title, date, pagination, and language of the document and the accession number. The subject index is composed of three basic elements: 1) terms taken from a controlled vocabulary based on the *Thesaurus of Engineering and Scientific Terms* (LEX-EJC), 2) free terms added as needed, 3) geographic names, generally entered under countries. The terms are listed in a single alphabetical arrangement, along with title (original, translated, abridged, expanded, or supplied), principal author, date, pagination, and language of pertinent documents, and their accession numbers.

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35-3408 Physical framework for describing the genesis of ground ice. Pashk, H.F., (1980, p.531-548, eng). Pecultarities of foundation design in petroleum provinces of West Siberia. Konovalov, A.A., et al., (1981, 167p, rus). 35-3918 Manual of engineering geology. Churinov, M.V., ed., (1981, 325p., rus). 35-4305 Frozen ground settling Tunnel problems put on ice. (1980, p.32-33, eng). 35-4068 Frozen ground settling Tunnel problems put on ice. (1980, p.32-33, eng). 35-4068 Frozen ground strength Construction of bases and foundations on frozen ground in. China. Zhuo, C., (1980, p.1-5, chi). 35-79 Preliminary experimental study on the instantaneous strength of frozen sand. Lian, H., et al., (1980, p.37-40, chi). 35-86 Discussion about "Permafrost classification for engineering." Zhang, C., (1980, p.58-60, chi). 35-86 Modeling moisture-ice fields in freezing fines. Kiunttsell., V.V., et al., (1980, p.80-84, rus). 35-86 Modeling moisture-ice fields in freezing fines. Kiunttsell., V.V., et al., (1980, p.80-84, rus). (1980, p.97-117, eng). 35-1968 Phase change around a circular pipe. Lunardini, V.J., (1980, p.90, p.97-117, eng). 35-1978 Foundations on complex permafrost. Vialov, S.S., et al., (1980, p.204-217, eng). 35-1978 Foundations on complex permafrost. Vialov, S.S., et al., (1980, p.204-217, eng). 35-1978 Construction of piling foundations in permafrost. Sadovskii, A.V., et al., (1980, p.218-228, eng). 35-1978 Exeavation of frozen materials. Moore, H.E., et al., (1980, p.323-335, eng). Lsing explosives to exeavate frozen ground. Tart, R.G., et al., (1980, p.218-228, eng). 35-1986	Frozen rock strength  Dry processing of frozen placer sands Bazhbeuk-Melikov, N.K., et al. [1977, p.15-28, rusj.]  Statistical methods of intepreting electroprofiling data.  Brozen rock temperature Large scale mapping of cryogenic phenomena. Severskii. E.V., [1979, p.105-112, rusj.]  Cryogenic structure and ice content of perennially frozen rocks in the West Siberian Platform. Trofimov, V.T., et al. [1980, 246p, rusj.]  Thermal regime of oil-deposits in Siberia. Grubov, L.A., (1975, p.70-75, rusj.]  Thermal regime of oil-bearing rocks in Siberia. Newskaia., N.M., [1975, p.102-105, rusj.]  Permafroot conditions in West Siberia. Shamanova, 11, et al. [1980, p.94, rusj.]  35-372  Central Siberian tundra soils. Vasillevskaia, V.D., [1980, 235p., rusj.]  Briternational geological congress, 26th. 1979. Hydrogeology, engineering geology and construction materials. Reports of soviet geologists. Kulikov, G.V., ed., [1980, 247p., rusj.]  Permafroot transformations near its southern byoundary. Uvarkin, IU.T., et al., [1980, p.106-112, rusj.]  Si-1333  Geothermal conditions of sedimentary mantle in the Siberian Platform. Slavin, V.L., et al., [1980, p.5-13, rusj.]  Frost fracturing processes. Tumel', N.V., [1979, p.26-49, rusj.]  Statistical methods of intepreting electroprofiling data. Illina, E.B., [1974, p.86-88, eng].  Tikckness of aeration zones in permafrost. Oberman. N.G., [1081, p.127-113, rusj.]  35-35-3128	p 165-192, rus) Bacteria and fungi in tundra ponds [4]80, p 340-387, eng] S5-1755 Mycorthiza fungi and mycorthizac of forest-forming species in the North—Shubin, V.L., ed., [1980, 185p., rus) 35-3054 Forest regeneration and microfungi in soils, Schefferville, Canada—Lucarotti, C.J., [1981, p 7-26, eng] 35-3976 Gamma irradiation Gamma-ray densineters for mudflows—Stepanova, I.S., [1980, p 136-140, rus] 35-3217 Glaciology of mountainous regions (show cover. avalanches)—Kanaev, I.A., ed., [1980, 144p., rus] 35-3569 Calculating water reserves from aerial snow survey data Moskalev, I.D., [1980, p 127-138, rus) 35-3584 Gas inclusions Gas in ice from Allan Hills and Byrd Station—Fireman, E.L., (1979, p 85-86, eng) 35-662 Solidification in two-phase flow—Petric, D.J., et al., [1980, p.784-786, eng] Total gas content of ice and past changes of the northwest Greenfand ice sheet.—Raynaud, D., et al., [1981, p 235-237, eng) Radioactive dating and the compositions of the gas in Antaretic ice.—Fireman, E.L., [1980, p 67-68, eng) 35-3177 Hydrocarbon gases in sediments from Kodiak Shelf Kvenvolden, K.A., [1981, p 59-112, eng) Sea—Kvenvolden, K.A., et al., [1981, p 244-250, eng] Sea—Si sediments of Norton Sound, Alaska Kvenvolden, K.A., et al., [1981, p 244-250, eng] 35-3240 Thermogenic gases in near-surface sediments of Norton Sound, Alaska Kvenvolden, K.A., et al., [1981, p 244-250, eng]
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